Electronic Acknowledgement Receipt				
EFS ID:	4453834			
Application Number:	10674676			
International Application Number:				
Confirmation Number:	4999			
Title of Invention:	Systems and methods for logging and recovering updates to data structures			
First Named Inventor/Applicant Name:	Marc A. Najork			
Customer Number:	41505			
Filer:	Joseph Frederick Oriti./Patricia Salazar			
Filer Authorized By:	Joseph Frederick Oriti.			
Attorney Docket Number:	MSFT-2557/304882.01			
Receipt Date:	15-DEC-2008			
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Time Stamp:	13:40:47			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1 Miscellaneous Incoming Letter	transmital.PDF	606913	no	1	
		44b6b231af9f30d6aae09d35eceedf7ab7c1 ab12			

Warnings:

Information:

2		reply.PDF	169156	yes	19			
			dcc1dcb4ddf3c48b0856cd7ecd53b95ccd7 7cca8					
	Multipart Description/PDF files in .zip description							
	Document Description		Start	End				
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1				
	Claims		2	12				
	Applicant Arguments/Remarks Made in an Amendment		13	19				
Warnings:								
Information:								
	Total Files Size (in bytes)			776069				

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.